



MARSHALL STAR

Serving the Marshall Space Flight Center Community

March 4, 2004

Business Integration key to Marshall's future

by Sheila Cloud

Last fall, Marshall Center Director David King asked me to serve as Marshall's Business Integration executive.

The appointment came at a very special time in the history of our Center. All of us were still trying to come to grips with the loss of the Columbia crew. The Columbia Accident Investigation Board (CAIB) had presented its report. Like some of you, I

spent part of my holidays reflecting on how 2003 had changed the landscape. Then, on Jan. 14, President Bush announced his new vision for space



Cloud

exploration.

The President's vision affirms our nation's commitment to manned space exploration. It gives NASA a new focus and clear objectives. I believe that carrying out the objectives directly relates to how we conduct business at the Marshall Center.

Strategic business and workforce planning are keys to building a successful

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Mars Rover scientists say geologic region once 'drenched' in water

NASA Headquarters/JPL release

Examinations by scientists of what the Opportunity rover is showing them about Mars rocks indicate water once flowed there.

An image taken by Opportunity's microscopic imager shows a geological region of the rock outcrop at Meridiani Planum, dubbed "El Capitan." The outcrop, right next to where Opportu-

nity landed, holds evidence that the rocks have spent time drenched in liquid water.

"Liquid water once flowed through these rocks. It changed their texture, and it changed their chemistry," said Dr. Steve Squyres of Cornell University, Ithaca, N.Y., principal investigator for the science instruments on Opportunity and its twin, Spirit.

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Spelman president: 'Spheres of Influence' can help break cycle of racism

Marshall celebrates Black History Month

by Mike Wright

Dr. Beverly Daniel Tatum, president of Spelman College in Atlanta, refers to herself as "an integration baby." Tatum was born Sept. 27, 1954 — the same year as the Brown vs. Board of Education U.S. Supreme Court decision outlawing segregation in public schools. As the keynote speaker for the Marshall Center's Black History Month celebration last week, she shared her observations on desegregation and racism in America.

Tatum, recognized for her classroom work and her writings on the psychology of racism, said she feels one key to breaking the cycle of racism involves what she calls "spheres of influence." This includes influencing family, friends, co-workers, and others, she said.

"Each of us is powerful," Tatum said. "Each of us has an

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Photo by Emmett Given, NASA/Marshall Center

Helping to inspire the next generation

Marshall Director David King, right, and NASA educator-astronaut Barbara Morgan speak to students recently at a NASA Explorer School in Louisiana. They visited schools in Alabama and Louisiana as part of the Explorer program that helps inspire the next generation of scientists, engineers and explorers. See story on page 6.

Exploration Vision depends on each Marshall team member

In my first "Center Director's Update" and on several subsequent occasions, I have outlined the primary goals of the Marshall Center — return to flight, execute our programs and projects, and build our future. These goals have not changed. They are now defined, however, in the context of the President's bold, new vision for space exploration.

As I have visited a number of organizations around the Center to talk about the exploration vision, many of you have asked questions about how NASA will implement this vision, and what roles the Centers will play in this endeavor. I do not know all of the answers. I do know that there are initiatives underway that will ultimately answer these questions.

As part of his historic address on Jan. 14, President Bush put in place a commission to study the exploration mandate and to help the Agency sustain the new vision. The President's Commission met Feb. 12 and will issue its report in a few months.

NASA Administrator Sean O'Keefe has established Code T, the NASA Office of Exploration Systems, to lead and coordinate the Agency's exploration efforts.

In an effort by all of NASA to understand both what is required, and what resources are available across the Agency to support the Exploration Vision, Headquarters has issued to the Centers a number of actions that call for information to help define and support its strategies. Marshall is engaged in its own strategic assessment of how we can most effectively use our capabilities to support the Agency. We all find that we are being asked for a lot of information — often at very detailed levels. This is because it is imperative that both Marshall and Headquarters understand the robustness of our business systems, and the capacity of our human capital, and how it is deployed. This will allow us to continue to execute our projects in an excellent manner, while employing the flexibilities and strategic decision-

Director's Corner



Photo by Doug Stoffer, NASA/Marshall Center

King

making required for a transition to the exploration mission.

Sheila Cloud has assumed the responsibility for integrating our business systems and processes, while also leading the integration of the Center's responses to many of the actions coming from NASA Headquarters. I have asked for every Center organization's strong support to ensure that these efforts are successful, and you have stepped up to the challenge. I thank you for the positive manner in which you all have responded. I ask that you continue this support as these efforts are beneficial to both Marshall's and NASA's future.

I invite you to read Sheila's article in today's issue of the "Marshall Star." She will tell you more about the things we are doing and, perhaps, give you a better

understanding of why we are asking for certain information.

So how will the Marshall roadmap look several months from now? I am confident it will be exciting, but not be without changes and challenges. Program and workforce realignments have taken place throughout the history of NASA. Large-scale transitions and the uncertainty that surrounds them naturally cause anxiety in the workforce, and the leadership at Marshall is keenly aware of your concerns. You have my assurance that the Marshall management team is working very hard to do those things that will support NASA, and enhance the Agency's ability to accomplish the Exploration vision. Do as you always have — transformed your energy from anxiety to accomplishment.

I ask again that you support Marshall's efforts with your strong commitment, your innovative ideas, your hard work, and your patience as we continue to build NASA's future and embark on this new journey.

— **David King**
Marshall Center Director

NASA scholarship applications available

Applications for the NASA College Scholarship Fund are being accepted through March 22.

There are five scholarships in the amount of \$2,000 each available to dependents of NASA employees and retirees.

The scholarships are made

available through the NASA College Scholarship Fund Inc., a Texas non-profit corporation established by Pulitzer Prize-winning author James A. Michener. Since 1982, 109 scholarships have been awarded.

Applicants must pursue a course of study in science or engineering that will lead to a recognized undergraduate degree

at an accredited college or university.

To download an application form, go to <http://jscpeople.jsc.nasa.gov/ncsf.htm>. Applications also are available at the Wellness Center, Bldg. 4315 or in the Space Shop in Bldg. 4203. For details, call Bill Mayo at 544-7220.

Business Integration

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future for the Marshall Center. We need to be a robust, flexible organization that can rapidly adapt to changing requirements like those recommended by the CAIB and those announced by the President.

New approach to planning

At the Marshall Center, we have framed a new approach to strategic business and workforce planning that our Director can take to the table to discuss the future of space exploration. That approach involves integrating more tightly what we do and how we conduct the business of the Marshall Center. For example, at Marshall we should integrate the programs with what we do on the institutional side. We can't look at each as a single stove pipe like we may have done in the past. Business integration is a sound business practice and initiatives like full cost accounting make it even more important.

The new approach calls for putting processes and tools in place that allow senior management to make sound decisions. I see using strategic and tactical planning in more deliberate ways to help us keep our focus and collectively move in the same direction. Right now, the Center has some critical long-term and short-term products that we have to deliver. For example, NASA needs data from us to make decisions about the President's new vision for space exploration.

One of our teams has already started a strategic assessment of the Center's core capabilities. They want to answer several questions: What are our people's talents? What core capabilities do we have related to facilities and equipment? What are the assets that we can bring to bear that will contribute to NASA's overall mission? Let's try to articulate them in a way that we can all understand and follow.

David and Marshall Deputy Director Rex Geveden have asked us to strategically examine the Center's business base. We are analyzing the revenue streams that come into the Center. The focus is on the programs that we manage but it also includes Agency-wide work that Marshall does, such as Integrated Financial Management and NASA's wide-area network — and it includes educational outreach. We want to learn how to do better planning and to forecast our revenue streams.

Our strategy also includes analyzing workforce requirements. The Customer and Employees Relations Directorate, the Chief Financial Officer, and all other organizations are supporting that work. We have got to see Marshall as a corporate entity and a business.

Understanding skills and capabilities

The President has given NASA a new vision that is very exciting. The first step is trying to understand what Marshall can offer the Agency as our contribution to this new exploration initiative. We have to understand skills and capabilities that employees use in their current jobs and in the jobs they may have held in the past — the full range of skills that we can deliver to the Agency.

I'm highly confident that we can collectively put these skills and competencies together to push forward the President's new vision.

Strategic activities also include trying to understand what work ought to be done in-house in order to provide the workforce with hands-on skills that will support the Center's core capabilities.

We will put everything that Marshall learns regarding core capabilities, its current and future business base, and skills and

competencies, into an internal management plan. The Center will then use the plan to focus on the investment priorities to sustain or enhance our core capabilities and to optimize hiring and training and other activities.

Tactical tools and decisions

The Agency's Competency Management System represents one of the tactical tools we have available to help the Center clearly understand what competencies it can offer to the Agency. This activity was actually created a couple of years ago in response to the President's Management Agenda and the NASA Strategic Human Capital Plan. The system calls for each civil service employee to validate or update their workforce competencies, and for managers to identify competencies needed for positions. What we want employees to understand is that the Center has requested this data on a name-by-name basis for the purpose of understanding how the Center can help NASA identify the roles it will

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Photo by Dennis Olive, NASA/Marshall Center

External Tank foam testing

Danny Duke, left, and Ralph Keller install a 3-foot by 5-foot External Tank foam test panel into a vacuum chamber at the Marshall Center's Test Stand 300. The test is part of the Center's ongoing efforts to return the Space Shuttle to flight.

Marshall's future

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play in carrying out the President's new vision.

We will use the results of our strategic activities regarding the Center program business base and workforce to make tactical decisions and to support the budget formulation process. Once we understand our business base, we need to understand our support activities like information technology, facilities, engineering support, and overhead. Tactical considerations include focusing on redesigning the Center's budget process to fit full cost and to reduce complexity. A Kaizen Budget Process Redesign Team, a center-wide team lead by the Office of the Chief Financial Officer, has been working extremely hard to address the issues.

Of course, all these strategic and tactical efforts will improve the quality of the products and deliverables we provide to our Marshall customers. Right now we are working on a presentation that David will provide to Bill Readdy, NASA's associate administrator for the Office of Space Flight. By early April, Mr. Readdy wants the Center Directors from the Office of Space Flight to present their Center's strategic outlook as it relates to its business base through 2010, and even beyond if possible. He also wants to know about the Center's human capital, about hiring and losses, competencies, gaps in those competencies, training needs, core capabilities and more. MrReaddy has also requested an executive summary of each Center's institutional program operating plan including workforce, facilities, infrastructure,

investments and more, all out to the year 2010. Finally, the associate administrator has asked for a mid-year report on how the Center is executing its fiscal year 2004 activities.

Team effort

Implementing this new business integration approach is a team effort that spans across the entire Marshall Center. In an effort to improve the coupling of the programs and the institution and to improve communications among various functions, we have created a Business Integration Council. The council is meeting weekly to help guide and improve our processes. I appreciate the valuable time and effort each of the members is committing to helping strengthen and integrate our Center's approach to conducting business. Members include: Tony Lavoie, FD01; Bill Kilpatrick, ED01; Charles Scales, OS01; Tereasa Washington, CD01; Chris Singer, TD01; Ann Whitaker, SD01; Susan FosterRS01; Frank Mayhall, RS01; Jim Carter AD01; and myself.

All of this work — strategic and tactical — is intended to help us keep the commitments that Marshall makes. Cohesive integration of the many elements that make up Marshall's business posture can have a lasting impact on the future roles that the Marshall Center will be assigned to carry out in space exploration.

The writer is the Marshall Center Business Integration executive.

Spelman

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opportunity ... to interrupt the cycle of racism to keep moving forward so that we can continue to honor the legacy of Brown vs. Board Education, not just as an historical event, but as a reality in our lives as we continue the struggle for justice."

In 1956, Tatum's father taught at Florida A&M University — a historically black university. He'd already earned an undergraduate degree from Howard University and a graduate degree from the University of Iowa. Segregation, though, prevented Tatum from entering Florida State University to work on his doctorate.

"Instead, he attended Pennsylvania State University," Tatum said of her father. "What is ironic about that is that the State of Florida paid his tuition at Penn State. That may seem silly. But, in fact, it was common practice then for states to maintain segregated graduate programs and to meet the separate but equal requirement by paying for the education of

black graduate students outside the state, often at northern institutions."

That experience, and others like it, shaped Tatum's early years growing up in Bridgewater, Mass., where her father would eventually become the first African-American professor at Bridgewater State College.

In her remarks at Marshall last week, Tatum noted that the Center's own establishment in 1960 coincided with a significant event in the history of desegregation that occurred that same year in Atlanta. That year, six students, representing the student government associations of six colleges in Atlanta, paid for a full-page advertisement in the Atlanta Constitution newspaper.

"It was essentially a call to arms, a call to change," Tatum said. Although the students focused on racial inequities in school, they also pointed out unfair treatment toward African-Americans in hospitals, public accommodations and voting.

Tatum encouraged Marshall team

members to reacquaint their children and students with such landmark decisions as the 1964 Civil Rights Act, which sought to end racial discrimination regarding public accommodations.

In 1991, the Supreme Court said school districts using mandatory busing programs were no longer required to do so.

"As a consequence of that decision, many school districts abandoned those programs," Tatum said. "And that was one factor in what we can now describe as essentially the re-segregation of American schools. Many black and Latino students are more racially isolated than ever before. But even at the same time we can say that there are many white students who are racially isolated. That isolation is damaging, regardless of where it comes, because it means young people are growing up without the capacity or the experience to be able to engage with people different from themselves."

The writer is the Marshall Center historian.

Education topic of Black History Month celebration at Marshall Center

Dr. Beverly Daniel Tatum, president of Spelman College in Atlanta, was the guest speaker at the annual Black History Month celebration at the Marshall Center on Feb. 26.

This year's theme was "A Legacy of

Learning: Brown vs. Board of Education 50th Anniversary."

Attending the program were students from several area high schools. Representatives from area colleges and universities set up information booths in the Bldg.

4200 lobby to counsel prospective students on higher education opportunities.

Members of the Oakwood College Aeolians performed song selections and a "Taste of Soul Food" gave attendees an opportunity to sample various foods.



Marshall Director David King, left, chats with Spelman College President Dr. Beverly Daniel Tatum, center, and Marshall Equal Opportunity Office Director Charles Scales.



Charles Scales, left, presents a plaque to Dr. Beverly Daniel Tatum recognizing her contributions to this year's Black History Month celebration.

Photos by David Higginbotham, Marshall Center



Melody Hubbard, center, listens during Black History Month presentations in Morris Auditorium. She is a senior at Oakwood Adventist Academy, a co-educational elementary and secondary school in Huntsville.



Sparkman High School students Ardemise Tucker, left, Brittany Gertman, right, and Holly Goodman, second from right, talk with Dr. Beverly Daniel Tatum during a reception in the Bldg. 4200 lobby.



Whitney Allen, left, a student at Oakwood Academy, discusses educational opportunities with Raymond Johnson Jr., an admissions counselor at Oakwood College in Huntsville. Several colleges and universities provided information to prospective students during Black History Month events at Marshall.



Brandie Sutton, a member of the Oakwood College Aeolians, sings the National Anthem.

Marshall Director King, astronaut Morgan visit next-generation explorers

NASA Explorer Schools program joins Agency, students together to promote science, math and engineering

by Jonathan Baggs

Marshall Center Director David King and NASA educator-astronaut Barbara Morgan visited two schools in February to share the Agency's new vision for space exploration.

King and Morgan visited Phenix City Intermediate School in Phenix City, Ala., and Belle Chasse Academy in Belle Chasse, La. Both schools are part of the NASA Explorer School program, which joins educators, students and families in sustained involvement with NASA's research, discoveries and missions.

King talked with students about our destiny as explorers, NASA's steppingstone approach to exploring Earth, the Moon, Mars and beyond, how space impacts our lives, and how people and machines rely on each other in space.

"Right now, tomorrow's space explorers are seated in America's classrooms – asking questions, solving problems and conducting experiments," King said. "As NASA carries out President Bush's new vision for space exploration, we remain committed to working closely with our schools, fostering learning environments that will stimulate these future travelers to the Moon, to Mars and beyond."

The NASA Explorer School program establishes a three-year partnership between the Agency and 50 school teams, consisting of teachers and education administrators from diverse communities across the country. Schools in the program are eligible to receive up to \$17,500 over the three-year period to support the integration of technology tools that support student engagement in science and mathematics.

For more information on the NASA Explorer School program, go to <http://explorerschools.nasa.gov>.

The writer, an employee of ASRI, is the Marshall Star editor.

Mars

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"We've been able to read the tell-tale clues the water left behind, giving us confidence in that conclusion."

Dr. James Garvin, lead scientist for Mars and lunar exploration at NASA Headquarters, said, "NASA launched the Mars Exploration Rover mission specifically to check whether at least one part of Mars ever had a persistently wet environment that could possibly have been hospitable to life. Today we have strong evidence for an exciting answer – 'Yes.'"

Clues from the rocks' appearance and composition support the conclusion that the rocks were altered by exposure to liquid water after they were formed. However, the clues don't tell how long the wet conditions lasted, and the clues are only tantalizing, not conclusive, about whether the environment was watery when the rocks originally formed.

Scientists and engineers assembled at NASA's Jet Propulsion Laboratory in Pasadena, Calif., plan to keep Opportunity busy at the outcrop for several more days, perhaps gaining more evidence about whether the rocks were originally laid down in a wet setting, such as the bottom of a shallow lake or a hydrothermal hot spring. Later, the rover will venture out to the surrounding plain and may hunt for evidence putting the discoveries within the crater into a broader regional context.



Carley Addison, center, shows Marshall Director David King how a "mission control" event works at Phenix City Intermediate School in Phenix City, Ala.



Educator-astronaut Barbara Morgan, right, admires Sam Logsdon's Lego League Competition Medal while his brother, Michael Logsdon, center, holds the competition's trophy. Both brothers attend Belle Chasse Academy in Belle Chasse, La.

Photos by Emmett Given, NASA/Marshall Center

Job Announcements

MS04N0085, Safety and Occupational Health Specialist. GS-0018-11, Safety and Mission Assurance Office, Industrial Safety Department. Closes March 10. Contact: Rita Evans-McCoy at 544-7507.

MS04N0086, Quality Assurance Specialist. GS-1910-12, Safety and Mission Assurance Office, Advanced Projects Assurance Department. Closes March 10. Contact: Rita Evans-McCoy at 544-7507.

MS04N0087, AST, Facility Systems Safety. GS-0801-13, Safety and Mission Assurance Office, Industrial Safety Department. Contact: Rita Evans-McCoy at 544-7507.

MS04N0088, AST, Reliability & Quality Assurance. GS-0861-13, Safety and Mission Assurance Office, Cargo Assurance Department. Closes March 10. Contact: Rita Evans-McCoy at 544-7507.

Announcements

Marshall Deputy Rex Geveden to speak at NASA conference

Marshall Center Deputy Director Rex Geveden will be a speaker at the first NASA Project Management Conference March 30-31 at the University of Maryland Conference Center near College Park. Goddard Space Flight Center is coordinating the event, which will examine current trends in project management. Mike Kostelnik, NASA's deputy associate administrator for International Space Station and Space Shuttle, also will speak. The event is open to civil service and contractor team members. Seating is limited. For more information, go to <http://pmchallenge.gsfc.nasa.gov>.

NASA Fellowship Program applications available

The NASA Administrator's Fellowship Program is accepting applications through March 19. The program is designed to enhance relations between NASA and historically black colleges and other minority institutions. NASA employees at the GS-13 level or above are encouraged to apply and must hold a master's or doctorate degree. The 18-22 month program allows NASA employees to teach or conduct research at a minority institution for one year and participate in other opportunities for the remainder of the fellowship. For details, call 544-3740.

Women's History Month program set for March 16

A program commemorating Women's History Month will be from 8:30-10 a.m. March 16 in Bldg. 4200, Room P-110. Carolyn Griner, principal at Booz Allen Hamilton and retired deputy director of the Marshall Center, will speak. This year's theme is "Women -- Inspiring Hope and Possibility." For details, call Billie Swinford at 544-0087.

Engineering Summer Camp for high school students set at UAH

The University of Alabama in Huntsville will host its third annual Engineering Summer Camp for incoming

high school seniors and juniors to explore different fields of engineering using lab experiments and group projects. Some of the projects include bridge building, rocket launches, robotics, circuits and sensors, and chemical reactions. Camp dates are June 14-18 and July 12-16. Cost is \$350. Applications are available at www.eb.uah.edu/camp or call (256) 824-3590.

'Take Our Children to Work Day' set for April 22

The annual "Take Our Children to Work Day" at the Marshall Center for children in grades 3-12 will be April 22. Since 1994, the event has been an opportunity for the Marshall team to promote education and awareness of the space program. A Web link detailing registration, workshops, tours and other information will be available Monday on "Inside Marshall."

AIAA Engineering scholarship applications available

The Alabama-Mississippi Section of the American Institute of Aeronautics and Astronautics is accepting applications for its Third Annual Engineering Scholarship Program. Three scholarships will be awarded -- \$1,500, \$1,000 and \$500. The program is open to high school seniors entering an accredited university to pursue an engineering or science degree that will lead to an aeronautics or astronautics career. Eligible seniors can find the application at <http://www.aata.net/scholarships/index.htm>. Deadline for application acceptance is March 15. For more information, call Kevin Connell at the Aerospace Development Center in Jacksonville at (256) 782-5972.

Expedition Seven astronaut Dr. Ed Lu to visit Marshall

Dr. Ed Lu, Expedition Seven flight engineer and science officer aboard the International Space Station, will present mission highlights from 10-11 a.m. March 11 in Morris Auditorium. Lu also will present Silver Snoopy awards.

He spent a six-month tour of duty aboard the Station -- logging 184 days in space from April 25-Oct. 27, 2003. Lu also flew as a mission specialist aboard STS-84 in 1997, and served as a mission specialist and payload commander aboard STS-106 in 2000.

MARS Tennis Club seeking members

The MARS Tennis Club is seeking members for the 2004 season. Civil servants, retirees and on-site contractors are eligible for membership, which includes use of four lighted tennis courts, participation in tournaments and other club activities. For details, call Amy Hemken at 544-7097.

Retired federal employees to meet March 13

The National Association of Retired Federal Employees will meet at 9:30 a.m. March 13 at the Senior Center on Drake Avenue in Huntsville. For details, call 881-4944 or 882-2406.

MARS Soccer Club seeking team members for 2004 season

The MARS Soccer Club is seeking team members for the 2004 season. Participation is open to civil servants and on-site contractors. For details, call Andy Heaton at 544-3839.

Volunteers needed for 11th Annual 'Great Moonbuggy Race'

Volunteers are needed to staff the 11th Annual NASA-Marshall Center "Great Moonbuggy Race" on April 2-3 at the U.S. Space & Rocket Center in Huntsville. Several positions are available including judges for obstacle jumping, score keeping and reporting, start-finish line activities and pre-race qualifying. High school and college teams from across the nation will compete during the event with vehicles they designed and built to race over a simulated lunar terrain. For details, see "Inside Marshall" or go to <http://moonbuggy.msfc.gov>.

Classified Ads

Miscellaneous

- ★ Apex 27" color television, cable ready, \$100. 256-864-2517
- ★ Vacuum cleaner, \$75; computer desk, \$40; Cemetary lot w/vaults, Huntsville Memory Gardens, \$1,200. 256-534-0939
- ★ Girl's bike, 16", \$10; Girl's bike, 20", \$15; Girl's bike, 26", \$20. 880-0150
- ★ Men's 10K 3-diamond 3/4 carat band, SI2 clarity, H color, \$990. 828-8630
- ★ Microsoft computer steering wheel w/foot pedals, USB, \$40; Green Naugahyde recliner, \$25. 881-8674
- ★ Kenmore 4-cycle dishwasher, color slate, \$50. 506-0828
- ★ Welder 8630 training system, 200 lbs. total weight, workout for every muscle group, \$150. 468-5391
- ★ Yamaha Clavinova CLP-260 digital piano w/ bench, headphones, user's manual, and warranty card, \$700. 603-0466
- ★ Pool table and accessories. 828-0401/Matt or Darla
- ★ 2001 Sea Hunt boat, 21.6', Cuddy cabin, 200HP, Ocean Pro Johnson, trailer. 426-1555
- ★ Honda Recon & Artic Cat 250 ATVs, 2WD, less than 100 hrs., \$5,400 both. 325-5221
- ★ Queen size frame/headboard/mattress & boxsprings, \$150; w/iron table & 2 lamps, \$215. 572-2404
- ★ 1977 Avion travel trailer, 27', for hunting, camping, or lake lot, \$4,500. 931-427-2059
- ★ Natural gas heater, 30,000 BTU, vent free, cast iron, zero clearance, \$300. 656-2965
- ★ Early American sofa, \$100; Queen Anne sofa table, \$150. 726-0022
- ★ 1994 Coachman Slide-in-Truck camper, AC/heat, refrigerator, stove, bath, \$4,000. 256-776-2687
- ★ Antique Oak occasional table w/shelf, 24x24, \$225. 883-5543
- ★ Deep sofa, 88" long, eight pillows, \$50; computer desk, 6' long, \$25. 256-881-3322
- ★ Labrador retriever AKC-registered puppies. Seven weeks old, three males, four females. \$350 each. 256-566-2129
- ★ AKC red tri Australian Shepherd, 14 months, neutered male, \$250. 885-0559
- ★ Kitchen-Aide glass surface cook top, 30", 4

- units, black, \$250. 880-7305
- ★ Booster seat for 4-6 yr. old, w/drink holder, toy caddy, \$15. 890-0755
- ★ Oval wood dining table, 42x60, round with leaf, 6 wood chairs, \$50. 721-0617
- ★ Chevy factory Cat-back exhaust, fits 94-98 extended cab truck, used 1.5 yrs., \$50. 256-498-6568
- ★ Ford tractor, 8N, new parts, electrical system, battery & paint, strong hydraulics, \$3,000. 882-0461
- ★ 2000 Honda Shadow, 800 hrs., 600cc, loaded, toe/heel shift, \$4,000. 931-363-8217
- ★ 2000 Honda XR-250R dirt bike; 2001 XR250R, low miles, adult maintenance, \$2,200 each. 256-498-5911 lv. msg.
- ★ Two cream swivel rockers, ottoman \$80; Ruby/diamond rings, tri-color bracelet. 776-9165
- ★ Pug puppies, 2 males/1 female, AKC, ready 3/29/04, fawn w/black masks, \$425-\$450. 882-2037
- ★ Electric scooter w/seat, blue w/battery charger, \$100. 828-0756
- ★ Single WaveRunner trailer. 881-0557
- ★ Coach handbags, two black leather w/trim, \$60 each. 256-757-0469
- ★ Nordic Trac ski machine \$40; queen mattress, box frame, and metal stand, \$25. 656-9009
- ★ Fiberglass topper and accessories for small pickup, \$225. 772-7845
- ★ Cannondale R300 52cm CAAD3, 24 gears, TIAGRA components, MAVIC alum rims. \$745. 534-3252
- ★ Large oak antique desk. Two-drawer/two-doors with cubbyholes. One door needs repair. \$250. 256-306-0700

Vehicles

- ★ Ford Ranger XLT, 2.9L, V6, 93.5K miles. 256-881-2138
- ★ 1999 Tahoe LS, 4-door, 5.7L engine, 79K miles, \$10,500 firm. 773-0068
- ★ 1999 Cadillac DeVille, 72K miles, fully equipped, leather. 534-9631
- ★ 2000 Tahoe, black, sunroof, tow, 46K miles, leather, third seat, \$22,000 firm. 337-4034
- ★ 1987 Nissan Maxima wagon, 140K miles,

- \$1,200. 520-3683
- ★ 1997 Dodge 1500 Club SLT, air, power, cruise, CD, sliding rear, liner, tow package. 256-351-8360
- ★ 1992 Mazda Miata convertible, 5-speed, red, 39K miles, \$4,500 obo. 489-4081
- ★ 1999 Mitsubishi Montero Sport XLS, CD, power, 6-cyl., beige/green, new tires, alloy wheels, \$7,400. 256-335-5896
- ★ 2003 Ford F-150 XLT, Super crew-cab, sunroof, chrome sidebar, 10K miles, \$22,900. 882-0431
- ★ 2000 Ford Expedition, approx. 15K highway miles. 256-233-6197
- ★ 1999 Toyota 4-Runner, white, 4-cyl., automatic, one-owner, 82K miles, \$11,000. 256-682-0260
- ★ 1995 Itasca Spirit Class C motorhome, 25K+ miles, \$25,000. 829-1447
- ★ 1987 Mazda B2200, 100K miles, \$1,300. 721-0540
- ★ 1990 Honda Civic, 4-door, low mileage motor, \$1,200. 797-1245
- ★ 1991 Explorer XLT, 4-door, leather, sunroof, 64K miles, \$3,000+ in new parts, \$3,800. 880-6498

Wanted

- ★ Linksys cable router, 4-port. 883-2757
- ★ Used saddle, any condition, for decoration only. 316-2902
- ★ Used treadmill in good working condition. 653-4593
- ★ Firewood, will cut & carry away, no pinewood, just hardwood. 256-881-7967
- ★ Schwinn Airdyne exercise bicycle. 714-8582
- ★ Stereo receiver in good working order; must have phono input. 655-3065
- ★ Experienced plumber and gas fitter to assist with home renovation. 536-7906

Found

- ★ Sweater, Bldg. 4200, second floor. Call 544-3623 to claim/identify

Free

- ★ Two beagles, 18-months, housebroken, all-shots, fixed, must go together. 864-9975
- ★ Compost bin. 881-6847

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